

Q1
8 determining a minimum voltage which allows operation at the maximum
9 frequency determined, and
10 dynamically changing the operating condition of the processor by
11 changing the frequency generated by the clock generator and the voltage
12 to the maximum frequency and minimum voltage determined.

Q2
5/3/01
1 Claim 6 (amended). A method for controlling the power used by a
2 computer comprising the steps of:
3 utilizing control software to measure the operating characteristics of a
4 central processor of the computer,
5 determining when the operating characteristics of the central processor
6 are significantly different than required by the operations being
7 conducted, and
8 changing the operating characteristics of the central processor to a level
9 commensurate with the operations being conducted in which:
10 the step of determining when the operating characteristics of the central
11 processor are significantly different than required by the operations being
12 conducted comprising utilizing the control software to determine
13 desirable voltages and frequencies for the operation of the central
14 processor based on the measured operating characteristics, and
15 the step of changing the operating characteristics of the central
16 processor to a level commensurate with the operations being conducted
17 comprises providing signals:

Q2

- 18 for controlling voltages furnished by a programmable power supply
 - 19 to the central processor, and
 - 20 for controlling frequencies furnished by the central processor to the
 - 21 central processor.
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